

with a gimbal, which comprises at least one turning shaft, the imaging device is disposed on the gimbal and is rotatable with rotation of the gimbal, and the step of editing attitude information of an imaging device includes editing a rotation angle of the at least one turning shaft of the gimbal.

4. The heading generation method according to claim 1, further comprising:

editing a shooting parameter of an imaging device, and transmitting the edited shooting parameter of the imaging device to the unmanned aerial vehicle to cause the imaging device to take a photograph according to the edited shooting parameter.

5. The heading generation method according to claim 1, wherein the flight trajectory of the unmanned aerial vehicle is located by smoothly transitioning collected discrete point data to form a smooth curve.

6. The heading generation method according to claim 1, wherein the flight trajectory of the unmanned aerial vehicle is positioned as a line through respective sampling points.

7. The heading generation method according to claim 1, further comprising:

recording image information of an image captured by an imaging device,

displaying, in combination with a map, positioning data and flight altitude information of the unmanned aerial vehicle at one point of the flight trajectory, attitude information of the imaging device, and the image captured by the imaging device corresponding to the point, and

editing the new flight trajectory.

8. The heading generation method according to claim 1, wherein the flight trajectory comprises a plurality of nodes corresponding to positions where the unmanned aerial vehicle hovers, and a smooth optimized flight route is generated between two disconnected nodes in a manner of editing the flight trajectory into a Bezier curve.

9. The heading generation method according to claim 1, further comprising:

editing attitude information of the unmanned aerial vehicle, and transmitting the edited attitude information of the unmanned aerial vehicle to the unmanned aerial vehicle to cause the unmanned aerial vehicle to fly according to an edited attitude.

10. The heading generation method according to claim 9, wherein the editing attitude information of the unmanned aerial vehicle is editing at least one of pitch angle information, roll angle information, or yaw angle information of the unmanned aerial vehicle.

11. A heading generation system of an unmanned aerial vehicle, comprising:

a receiving module for receiving and recording flight waypoints of a preliminary flight of the unmanned aerial vehicle, the flight waypoints comprising positioning data of the unmanned aerial vehicle and flight altitude information of the unmanned aerial vehicle;

a flight trajectory generation module for calculating a flight trajectory of the unmanned aerial vehicle according to the flight waypoints received by the receiving module;

a flight trajectory editing module for editing the flight trajectory of the unmanned aerial vehicle calculated by the flight trajectory generation module to obtain a new flight trajectory; and

a transmission module for transmitting the new flight trajectory edited by the flight trajectory editing module to the unmanned aerial vehicle to cause the unmanned aerial vehicle to fly according to the new flight trajectory.

12. The heading generation system according to claim 11, wherein the unmanned aerial vehicle is provided thereon with a gimbal for carrying an imaging device, and wherein the heading generation system further comprises a gimbal attitude editing module, the receiving module receives and records image information of an image captured by the imaging device, and the gimbal attitude editing module edits attitude information of the imaging device.

13. The heading generation system according to claim 12, wherein the gimbal on the unmanned aerial vehicle comprises at least one turning shaft, the imaging device is disposed on the gimbal and is rotatable with rotation of the gimbal, and the step of editing attitude information of the imaging device includes editing a rotation angle of the at least one turning shaft.

14. The heading generation system according to claim 12, wherein the heading generation system further comprises a shooting parameter editing module for editing a shooting parameter of the imaging device, and the transmission module transmits the edited shooting parameter to the unmanned aerial vehicle to cause the imaging device to take a photograph according to the edited shooting parameter.

15. The heading generation system according to claim 11, wherein the flight trajectory generation module positions the flight trajectory of the unmanned aerial vehicle by smoothly transitioning collected discrete point data to form a smooth curve.

16. The heading generation system according to claim 11, wherein the flight trajectory generation module positions the flight trajectory of the unmanned aerial vehicle as a line through respective sampling points.

17. The heading generation system according to claim 11, wherein the flight trajectory comprises a plurality of nodes corresponding to positions where the unmanned aerial vehicle hovers, and the flight trajectory editing module generates a smooth optimized flight route between two nodes in a manner of editing the flight trajectory into a Bezier curve.

18. The heading generation system according to claim 11, wherein the flight waypoints further comprise attitude information of the unmanned aerial vehicle, the heading generation system further comprises an unmanned aerial vehicle attitude editing module for editing the attitude information of the unmanned aerial vehicle, and the transmission module is further used for transmitting the attitude information of the unmanned aerial vehicle edited by the unmanned aerial vehicle attitude editing module to the unmanned aerial vehicle.

19. The heading generation system according to claim 18, wherein the unmanned aerial vehicle attitude editing module is used for editing at least one of pitch angle information, roll angle information, or yaw angle information of the unmanned aerial vehicle.